

What is claimed is:

1. An anisotropic conductive elastic connector, comprising plural linear conductors arranged in the thickness direction of an insulation elastic resin material;  
5 wherein an electric insulation coating having a withstand voltage of 1 V/ $\mu$ m or more is formed to a thickness of 1  $\mu$ m or more on a side face of the linear conductor; and  
the linear conductors are arranged with a pitch interval of 0.01 mm or  
10 less or are adjacent to each other in the direction of the arrangement.
2. The anisotropic conductive elastic connector according to claim 1, wherein the end of the linear conductor is exposed from the insulation elastic resin material and has a length that is substantially the same as the  
15 thickness of the insulation elastic resin material.
3. The anisotropic conductive elastic connector according to claim 1, wherein corrosion inhibiting plating is provided on an end face of the linear conductor.  
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4. The anisotropic conductive elastic connector according to claim 3, wherein the corrosion inhibiting plating is electroless plating.
5. The anisotropic conductive elastic connector according to claim 4,  
25 wherein the electroless plating is provided by providing gold plating on nickel plating.
6. The anisotropic conductive elastic connector according to claim 1, wherein the arrangement density of the linear conductors is different  
30 depending on a predetermined conducting current capacity.
7. The anisotropic conductive elastic connector according to claim 1, wherein the insulation elastic resin is a silicone rubber.
- 35 8. The anisotropic conductive elastic connector according to claim 1, wherein the linear conductor is a copper wire or a beryllium copper wire.

9. The anisotropic conductive elastic connector according to claim 1, wherein at least one end of the linear conductor is sliced together with the insulation elastic resin.